

HY150B

Tube Labeling Machine



Application: Blood collection tube automatic labeling with adhesive label.

- · Applied with PLC control for tube dropping;
- Step-motor for label transporting, photoelectric detection for labeling & tube checking.

Main Technical Parameters:

Production capacity	10,000-15,000 pcs/h	
Tube size	Ø13×75mm; Ø13×100mm; Ø16×100mm	
Label type	For transparent & opaque label.	
Label size	Width ≥18mm; Height: 45~95mm	
Power	500W/AC220V	
Overall dimension	2200×700×1500mm (L×W×H)	

HY100BCA-T

Reagent dosing machine (10 nozzles)



Application: Coagulant BCA dosing for blood collection tube.

- Italian pinch valve, 10 nozzles;
- Numerical pressure stabilizer, to ensure stable air pressure while dosing, for precision spraying volume;
- Refined atomizing nozzles for evenly spraying. Effect adjusted;
- Servo control, no reagent for 10mm from the tube top.
- √ Automatic cleaning for the nozzles
- √ Equipped with magnetic stirrer

Main Technical Parameters:

Production capacity	12,000 pcs/h
Tube size	Ø13×75mm; Ø13×100mm; Ø16×100mm
Dosage volume	20-50ul, ±15%
Power	1KW/AC220V
Air consumption	0.2m³/min
Overall dimension	800×1100×1500mm (L×W×H)



HY100EDTA-T

Reagent dosing machine (5 nozzles)



Application: EDTA K2/K3 & heparin spraying.

- HONGREAT precision ceramic spraying system (5 sets);
- Refined atomizing nozzles with air pressure stabilizing control unit, for the evenly spraying. Effect can be adjusted;
- √ Automatic cleaning for the nozzles
- $\sqrt{}$ Detection for reagent storage tank, automatic alarming once lack of reagent

Main Technical Parameters:

Production capacity	8,000 pcs/h
Tube size	Ø13×75mm; Ø13×100mm; Ø16×100mm
Dosage volume	20-50ul, ±6%
Power	1KW/AC220V
Air consumption	0.2m³/min
Overall dimension	600×1100×1400mm (L×W×H)

HY100N-T

Reagent dosing machine (5 nozzles)



Application: Sodium Citrate/other water solution filling.

- HONGREAT precision ceramic pump dosing system (5 sets);
- SMC servo control, to ensure high efficiency & stability;
- √ Automatic cleaning for the nozzles
- √ Detection for reagent storage tank, automatic alarming once lack of reagent

Main Technical Parameters:

Production capacity	8,000 pcs/h
Tube size	Ø13×75mm; Ø8*120mm
Dosage volume	100-700ul, ±2%~±4%
Power	1KW/AC220V
Air consumption	Not required
Overall dimension	600×1100×1400mm (L×W×H)



HY100DG-T2

PTC Dust-free Drying Machine (2 sets)



Application: PTC dust-free drying for blood collection tube.

- Equipped with 2 sets of dust-free "PTC" heating module (100pcs/time), heat faster, temperature control more accurately.
- √ Safe and reliable for PTC heater's auto protection function.

Main Technical Parameters:

Production capacity	6,000~8,000 pcs/h	
Tube size	Ø13×75mm; Ø13×100mm; Ø16×100mm	
Temp. range	Room temp.~100°C	
Heating mode	PTC dust-free heating	
Power	10KW/AC380V	
Air consumption	0.6m³/min	
Overall dimension	1800×900×1900mm (L×W×H)	

HY100C

NV Vacuuming and Cap-pressing Machine



Application: Automatic vacuuming and cap pressing for blood collection tube (100pcs/time).

 Applied with NC (numerical control) system, high precision & stable quality of vacuum tubes can be guaranteed.

8,000-9,000 pcs/h

Main Technical Parameters:

Production capacity

Tube size	Ø8-Ø13-Ø16mm, L: 75-120mm
Vacuum degree	0 ~ -95Kpa
Vacuum precision	±3%(exclude tube itself tolerance)
Power	2.5KW/AC380V
Air consumption	0.6m³/min
Overall dimension	1800×900mm×1900mm (L×W×H)



HY12A

Cap Stopper Assembly Machine



Application: automatic combination for plastic cap and rubber stopper. [Patented Technology]

• Support for one size of cap & stopper (can be customized)

Main Technical Parameters:

Production capacity	6,000~8,000 pcs/h	
Cap size	Ø13 cap (Based on final sample)	
Rubber size	Based on final sample	
Rate of qualified product	99.5%	
Power	2KW/AC380V	
Air consumption	0.2m³/min	
Overall dimension	2000×1400×1600mm (L×W×H)	

HY100B

Separation Gel Filling Machine (with automatic gel loading system)



Application: Separation gel filling for blood collection tube

· Applied with vacuum negative pressure suction and pneumatic loading for gel storage room, for gel filling. It can keep air out of gel to avoid producing bubbles, reducing lots of centrifugal work, improving production efficiency.

Main Technical Parameters:		
Production capacity	4,000-5,000pcs/h (speed will be affected by the gel viscosity & room temp.)	
Tube size	Ø13×75mm, Ø13×100mm, Ø16×100mm	
Gel filling volume	0.8 - 5g, ±15%	
Power	2KW/AC380V	
Air consumption	0.3m³/min	
Overall dimension	1200×1250×1500mm (L×W×H)	



HY-340

Separation Gel Centrifuge



Application: for separation gel vacuum tube centrifuging, to remove the air bubbles

- · With touch screen, for easier operation.
- Equipped with ac frequency motor, with high precision speed control, calculate the RCF value automatically.
- · With unique vibration damper, with best shock-absorbing;
- · With electronic lock, for better safety.

Main Technical Parameters:

Production capacity	Ø13X75-100mm: 340pcs/time; Ø16X100mm: 148pcs/time;	
Max. Speed	4000r/min	
Max RCF	4390xg	
Time controlling	0~99min	
Power	0.6KW/AC220V	
Overall dimension	780×650×800mm (L×W×H)	

HS-AB

Sealing and Shrink Packing Machine (optional)



Application: Blood collection tube sealing & shrink packaging.

- Stainless steel heating pipe, to avoid generating dust, finished goods quality can be improved.
- · Accurate SCR stepless temperature control, energy efficient.
- All stainless steel for machine frame, more durable, and avoid dust generation by aging.

Main Technical Parameters:

Production capacity	10 bags/min, speed varies according to different product size.	
Max package size	(L)300mm, (W)300mm, (H)150mm.	
Max. sealing dimension	L: 550mm; W: 450mm	
Max. package size	L+H≤500mm; W+H≤430mm	
Temp control	SCR stepless temperature control	
Speed control	Frequency conversion	



3800×950×1600mm (L×W×H)

HONGREAT®	150 Global Clients' Preferred Choice www.hongreat.com.cn	
	Temp range	Room temp ~ 150 ℃
	Power	15KW/AC380V
	Air consumption	0.2m³/min

Overall dimension